Application No. 10/560,471

Amendment dated May 13, 2010

Reply to Final Office Action of November 13, 2009

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-10 (Canceled)

11. (Currently amended) The analgesic and anti-inflammatory patch according to claim [[10]] 13. containing the ingredient having a counter-irritation effect in an amount of 0.01 to 30 wt% when it is one of I-menthol, dI-menthol, dI-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil and eucalyptus oil, or in an amount of 0.001 to 5 wt% when it is one of capsaicin, one of capsaicum extract and nonylic vanillylamide for the treatment of muscle pain, joint pain, lumbago, shoulder stiffness, and fracture pain.

12. (Canceled)

13. (Previously presented) An analgesic and anti-inflammatory patch comprising an aqueous poultice material containing 10 to 80 wt% water, 0.5 to 20 wt% of benzocaine, and at least one ingredient having a counter-irritation effect selected from the group consisting of I-menthol, dl-menthol, dl-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil, eucalyptus oil, capsaicin, capsicum extract, and nonylic vanillylamide.

14. (Canceled)

15. (Currently amended) A method of reducing irritation of the skin caused by a counter-irritant used in an analgesic and anti-inflammatory patch by using benzocaine as

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an active ingredient in the patch, wherein the patch further comprising an aqueous poultice material containing 10 to 80 wt% water.

16. (Currently amended) A method of reducing the pains, such as of muscle pain, joint pain, lumbago, shoulder stiffness, and fracture pain and other symptoms associated with pain, without unpleasant irritation when topically applied, by applying an analgesic and anti-inflammatory patch comprising an aqueous poultice material containing 10 to 80 wt% water, 0.5 to 20 wt% of benzocaine, and at least one ingredient having a counter-irritation effect selected from the group consisting of l-menthol, dl-menthol, dl-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil, eucalyptus oil, cansaicin, cansicum extract, and nonylic vanillylamide.

17. (New) An analgesic and anti-inflammatory patch comprising an aqueous poultice material containing 10 to 80 wt% water, 0.5 to 20 wt% of benzocaine, and at least one ingredient having a counter-irritation effect selected from the group consisting of l-menthol, dl-menthol, dl-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil, eucalyptus oil, capsaicin, capsicum extract, and nonylic vanillylamide, wherein the ingredient having a counter-irritation effect is present in an amount of 0.01 to 30 wt% when it is one of l-menthol, dl-menthol, dl-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil or eucalyptus oil, or in an amount of 0.001 to 5 wt% when it is one of cansaicin, cansicum extract or nonylic vanillylamide.

18. (New) The analgesic and anti-inflammatory patch according to claim 17, wherein the aqueous poultice material comprises 3 to 40 wt% of at least one water-soluble polymer, the water-soluble polymer being selected from the group consisting of gelatin, pullulan, polyvinylpyrrolidone, polyvinylalcohol, methylcellulose, ethylcellulose, carboxymethylcellulose, hydroxyethylcellulose, hydroxypropylcellulose, polyacrylic acid, sodium polyacrylate, acrylic acid copolymer, maleic anhydride copolymer, starch/sodium acrylate graft copolymer, carboxyvinyl polymer, sodium alginate, xanthan gum, agar, and carrageenan.

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19. (New) The analgesic and anti-inflammatory patch according to claim 18, wherein the aqueous poultice further comprises 0.001 to 5 wt% of at least one crosslinker to crosslink the water-soluble polymer, the crosslinker being selected from the group consisting of potassium alum, aluminium alum, magnesium chloride, calcium chloride, aluminium chloride, aluminium hydroxide, calcium hydroxide, ferric hydroxide, calcium phosphate, calcium citrate, aluminium gylcinate, magnesium aluminometasilicate, magnesium aluminosilicate, aluminium metasilicate, magnesium silicate, synthetic hydrotalcite, polyethyleneglycol diglycidyl ether, ethyleneglycol diglycidyl ether, glycerine diglycidyl ether and tyiglycerin diglycidyl ether.